

**PiXORD**

**H.264 Series 2-Megapixel  
Compact Network Camera**

**P606 / P606W**

**User's Manual**



**Version: 1.1**

**Date: 09/22/2009**

# Contents

Notices .....	2
Introduction.....	4
Installation.....	5
Using the Web UI.....	10
1. Live View .....	11
2. Video .....	14
General .....	14
Advanced .....	15
3. Camera .....	17
General .....	17
Advance .....	19
4. Event .....	20
Event Server.....	21
Motion Detection .....	22
Event Configuration.....	24
5. Schedule .....	25
General .....	25
Storage .....	26
6. Network.....	27
General .....	27
Advanced .....	27
SMTP (E-Mail) .....	29
DDNS.....	30
Wireless (P606W) .....	31
7. System.....	32
Information.....	32
User .....	33
Date & Time.....	34
Server Maintenance.....	35
Log Service .....	36
7. Customize .....	37
FAQ.....	39
Restore Factory Default .....	39

# Notices

---

This user manual is intended for administrators and users of the PiXORD P-600 Network Camera, including instructions for using and managing the camera on your network. The use of surveillance devices may be prohibited by law in your country. It is the user's responsibility to ensure that the operation of such devices is legal before installing this unit for its intended use.

Before the Network Camera is installed, all the safety and operating instructions should be carefully read and followed to avoid damage due to faulty assembly and installation. This also ensures the product is used properly as intended.

## Heed all warnings

- **Do not drop or strike this equipment**  
Sensitive electronics inside the camera are vulnerable to excessive strike.
- **Do not install the equipment near any flames or heat sources**  
Excessive heat could damage this equipment.
- **Do not cover cloth or to install this equipment in poorly ventilated places.**  
Overheating could damage this equipment.
- **Do not expose this equipment to rain or moisture. Do not touch the power connection with wet hands**  
Risk of short circuit, electric shock or fire
- **Do not damage the power cord or leave it under pressure**  
Risk of fire or shock circuit
- **To reduce the risk of electric shock, do not remove the Cover (or Back).**  
No user-serviceable parts inside. Misusage, improper, and negligence could damage this equipment. Need to refer servicing to qualified service personnel.
- **Do not continue to operate if there appears to be fault.**  
If the unit ceases to function, contact qualified service personnel for help.
- **All work related to the installation of this product should be made by qualified service personnel or system installers.**

## Liability

PiXORD Corporation reserves the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to PiXORD Corporation's terms and conditions of sale supplied at the time of order acknowledgment.

PiXORD is not responsible or liable for the resale of its products with statements different from or beyond the specification/parameters stated by PiXORD. Customers are responsible for their applications using PiXORD products. To minimize the risks associated with customer applications, customers should provide adequate operating safeguards. PiXORD is under no obligation to provide any further technical support service or product/software alteration beyond PiXORD's representation.

PiXORD products are not authorized for use in safety-critical applications where a failure of the PiXORD product would cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use.

Reproduction of PiXORD information or datasheets with alteration is an unfair and deceptive business practice. PiXORD is not responsible or liable for any such statements.

Every care has been taken of this manual. If there are any inaccuracies or omissions, please inform your local office. PiXORD Corporation cannot be held responsible for any typographical or technical errors. PiXORD Corporation is not liable or responsible for incidental or damages caused by mishandling.

### **Trademarks**

All names used in this manual for hardware and software are probably registered trademarks of respective companies. PiXORD is a registered trademark of PiXORD corporation. All rights reserved.

### **Support**

If you require any technical assistance, please contact your PiXORD reseller. You can connect to the Internet PiXORD's website: [www.pixord.com](http://www.pixord.com) for below information,

- Download user documentation and firmware updates at PiXORD Support  
( <http://www.pixord.com/support/support.asp>)
- Find answers to resolved problems in the FAQ database. Or contact our FAE at technical support  
(<http://www.pixord.com/contact2.asp>)

# Introduction

---

PIXORD P-600 Network Camera delivers superior H.264-AVC performance, state of the art design and function. P-600 is specifically adapted for maximum performance indoor applications, such as commercial, banking, government buildings, schools, universities and airports.

H.264-AVC video compression can lower bandwidth and storage requirements without compromising image quality; Motion JPEG is supported for increased flexibility, as well as multiple independent video streaming.

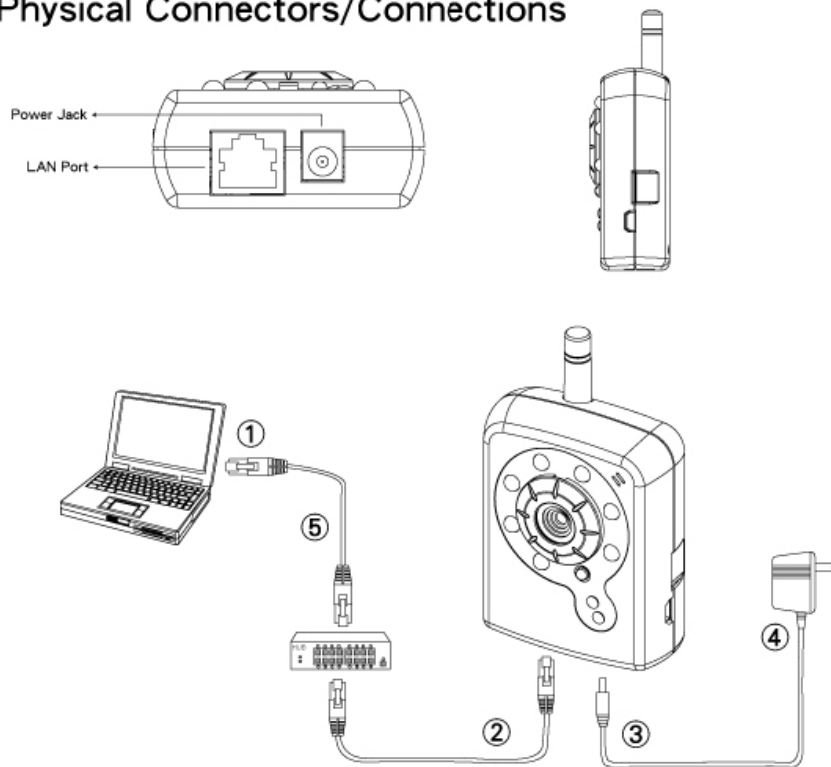
P-600 value-added features include; on-board video motion detection, SD slot for storage recording, and two-way audio. P-600 PoE available, full PoE (IEEE-802.3af) feature supplies power to the camera via the network, eliminating the need for power cables, reducing installation costs and complexity. Consequently, P-600 is “Best in Class” for maximum performance IP video surveillance systems, demanding superior image quality, ease of installation, and intelligent video capabilities.

# Installation

---

## 1. Hardware Connection

### ★ Physical Connectors/Connections



- ① Prepare a PC with Ethernet link to the network
- ② Connect LAN Port (RJ45) of the camera to a Network Switch/Hub.
- ③ Connect power jack.
- ④ Ensure the power adapter specification matches the power system (110V or 220V).  
Connect the adapter to the outlet.
- ⑤ Check LED status. (Power/Network)

## **2. Software Installation**

The following software is necessary for the proper display and use of the P600 from the Web site. The software will be taken from the Software Package CD.

### **IP Installer**

The IP Installer is used to locate and configure network cameras and video servers on the LAN. This utility is useful for conveniently configuring the network settings of the device, or for finding a device once the network settings have been modified.

To install the IP Installer, from the Software Package CD UI, select IP installer, then follow the on screen instructions.

### **XVID Codec**

An H.264 codec is applied for displaying the video stream and playing the recorded AVI files. If the video stream can't be displayed or the recorded AVI files can't be play on PC, install this software from the Software Package CD.

### **VLC**

Though not necessary, this can be used for viewing the streaming without a Web browser.

### 3. Network Configuration

IP Installer is a utility that provides an easier, more efficient way to configure the IP address and network settings of the devices. It even provides a convenient way to set the network settings for multiple devices simultaneously using the batch setting function. Moreover, IP Installer can save the network settings for all devices as a backup and restore them when necessary.

#### Preparation before IP Assignment

1. Always consult your network administrator before assigning an IP address to your server in order to avoid using a previously assigned IP address.
2. Ensure the P600 is powered on and correctly connected to the network.
3. MAC Address: Each device has a unique Ethernet address (MAC address) shown on the label of the device as the serial number (S/N) with 12 digits (e.g. 000429-XXXXXX).



4. Although the IP Installer is able to find and configure any P600 on the LAN except those that are behind a router, it is a good idea to set the host PC to the same subnet. In order to connect to the Web-based user interface of the camera, the host PC must be in the same subnet. For more information about subnets, please consult your network administrator.

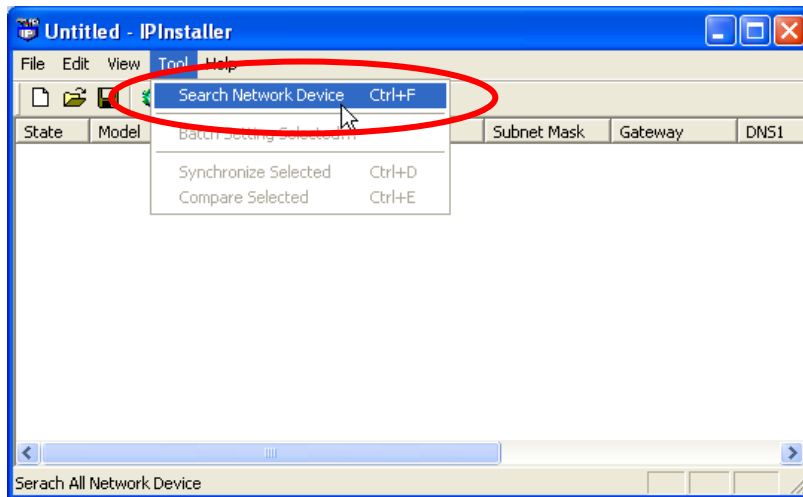
#### Using IP Installer to Assign an IP Address to P600

1. Once IP Installer has been successfully installed on the PC, double click the IP Installer icon on the desktop, or select it from Start > Programs > IP Installer > IP Installer > Launch IP Installer.

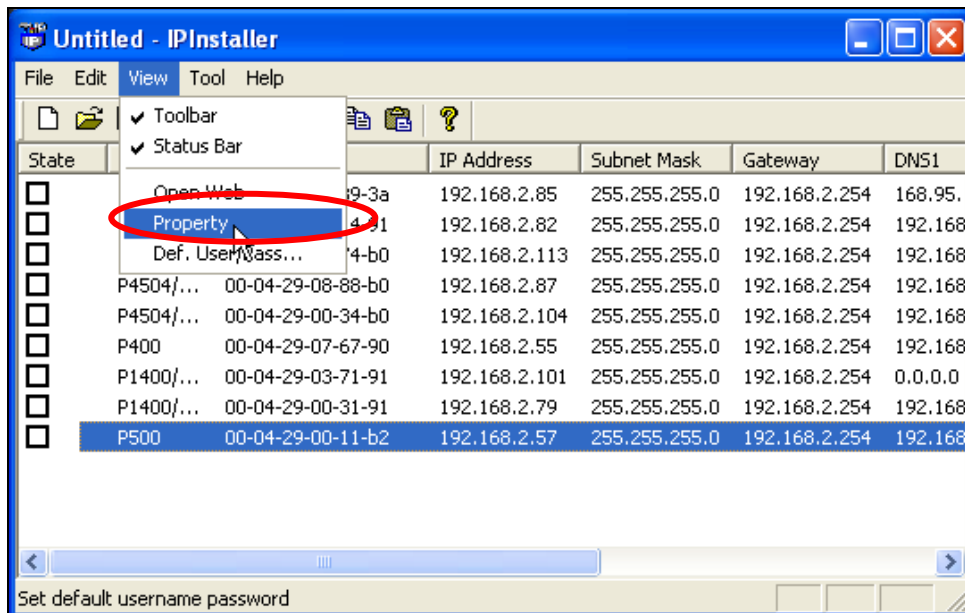


2. Click the menu bar Tool > Search Network Device to search the device in the LAN.





3. From the list, select the device with the MAC Address that corresponds to the P600 that is to be configured. The MAC Address is identical to the unit's S/N (Serial Number).
4. Double click the item to open the Property Page for the selected device or click the menu bar View > Property.



5. After filling in the properties, click [Synchronize] button to complete the configuration settings in the remote device while saving configuration in the PC. If click [OK] button, the configuration is only be saved in the PC.

### **Open the Web-based UI of the Selected camera**

1. To access the Web-based UI of the selected unit, run the View > Open Web on the menu bar.
2. If the device has been configured correctly, the default Web browser will open to the home page of the selected device.
3. If you find your browser is opened and automatically connected to the camera Home Page, it means you've assigned an IP Address to the unit successfully. Now you can close the IP Installer and start to use your camera.

### **Verify and Complete the Installation from Your Browser**

When browsing the Home Page at the first time with the Microsoft Internet Explorer™, you must temporarily lower your security settings to perform a one-time-only installation of the ActiveX component onto your workstation, as described below:

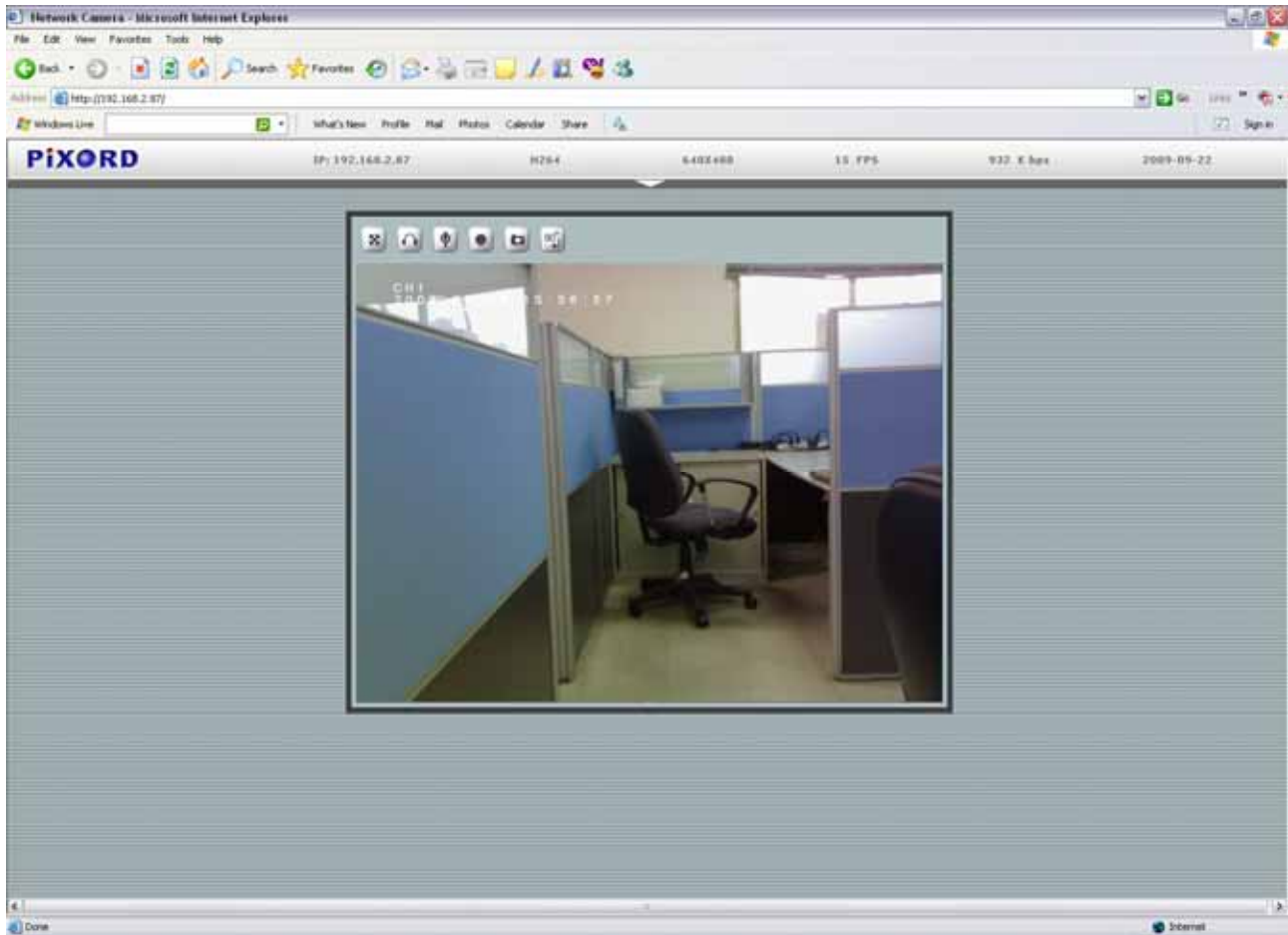
1. From the Tools menu, select [Internet Options]
2. Click the [Security] tab and then click [Custom Level] button to see your current security settings.
3. Set the security level to Low and click [OK].
4. Type the URL or IP address of your camera into the Address field.
5. A dialog box will pop up asking if the ActiveX control should be installed. Click [Yes] to start the installation.

Once the ActiveX installation is complete, return the security settings to their original value, as noted above.

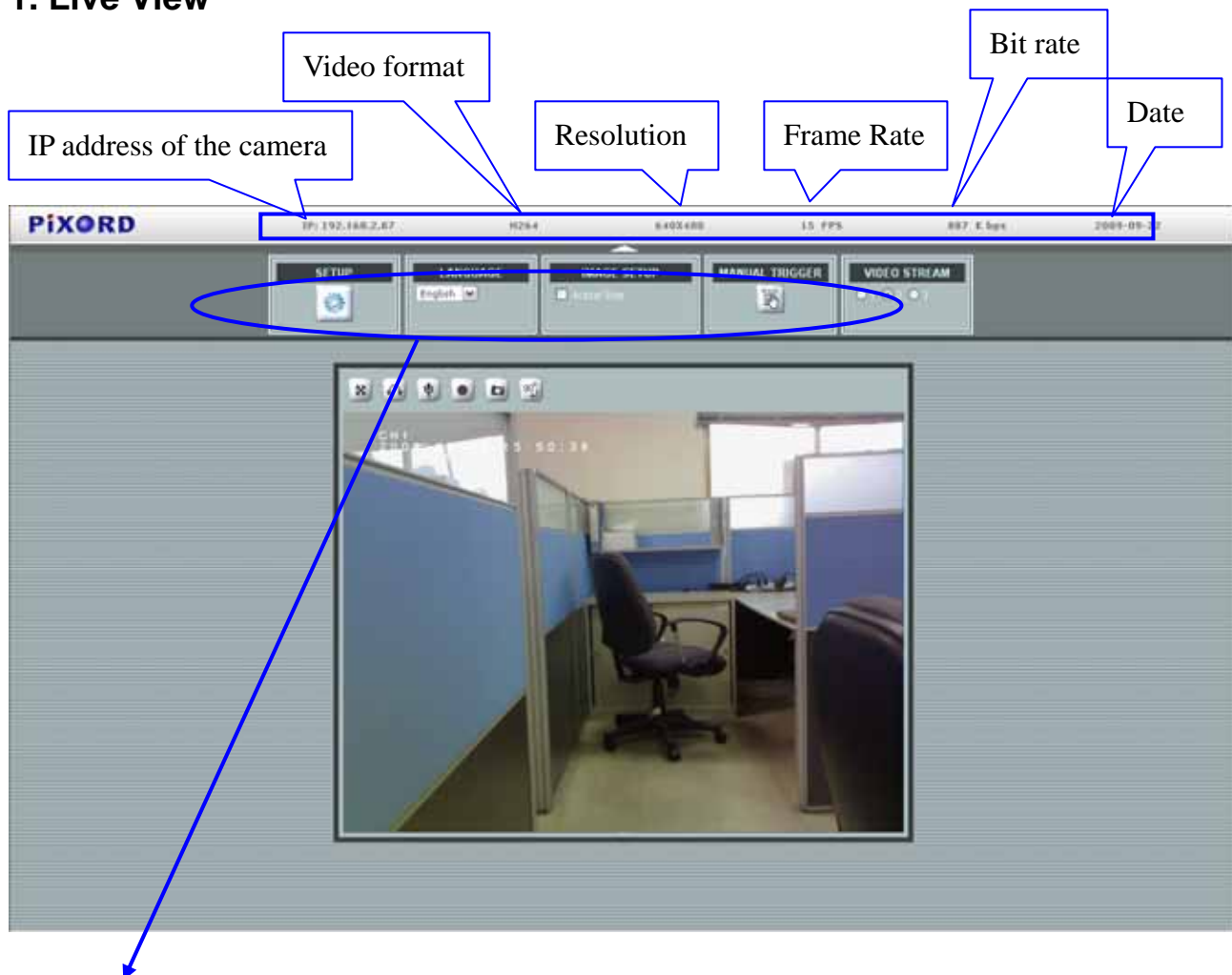
# Using the Web UI

---

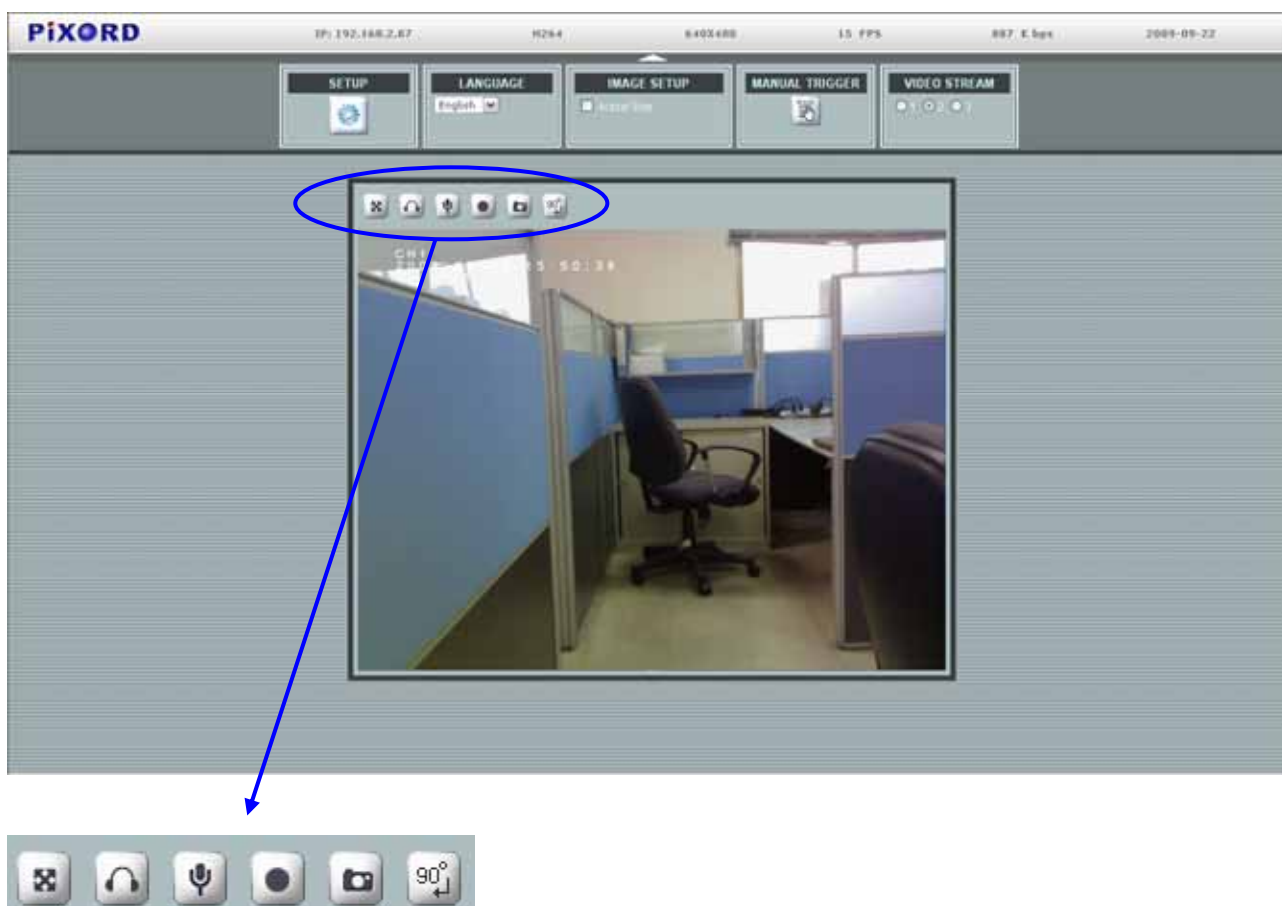
Start your Web browser and enter the URL or IP address in the Address field. The Home page of the camera is now displayed.









## 1. Live View



Button	Description
	Click for more general/advance camera settings
	Select languages among English, traditional Chinese and simplify Chinese
	Check actual size to view the actual size (resolution) of the image
	Click to trigger the alarm manually
	Choose among the 3 streams for viewing



Button	Description
	Full screen
	Listen the audio input from local end
	Talk function
	Record instant live video
	Snapshot the image
	Rotate image 90 degrees clockwise

## Configuration Pages List

### Video

- General
- Advance
- External Video Source

### Camera:

- General
- Advance

### Event

- Event Server
- Motion Detection
- Event Configuration

### Schedule

- General
- Storage

### Network

- General
- Advance
- SMTP (E-mail)
- DDNS
- Wireless

### System

- Information
- User
- Date & Time
- Server Maintenance
- Log Service

### Customize

- Style Layout

## 2. Video

### General

The screenshot shows a web-based configuration interface for video settings. At the top, there is a horizontal menu with tabs: 'Live View', 'Video' (which is highlighted with a red underline), 'Camera', 'Event', 'Schedule', 'Network', 'System', and 'Customize'. Below this menu, there is a sub-menu with two tabs: 'General' (highlighted with a blue underline) and 'Advanced'. The 'General' tab contains two main sections: 'Video General Setting' and 'OSD Setting'. The 'Video General Setting' section has four checkboxes: 'Enable Stream 1' (checked), 'Enable Stream 2' (checked), 'Enabled Digital PTZ' (unchecked), and 'Enable Stream 3' (checked). The 'OSD Setting' section has three checkboxes: 'Enable' (checked), 'Camera Name:' (checked) with a text input field containing 'CH1' and a '(20 character max)' label, and 'Date/Time' (checked). At the bottom center of the window is a 'Save' button.

**Video General Setting:** Check each box to enable streams (max 3) for live viewing

Note: Digital PTZ is only available with stream 2

**OSD Setting:** Enable OSD to display camera name and date/time on the image

## Advanced

The screenshot shows a web interface for video settings. At the top, there are tabs: Live View, Video (selected), Camera, Event, Schedule, Network, System, and Customize. Below these, there are sub-tabs: General, Advanced (selected), and External Video Source. The main content area is divided into three sections for Stream 1, Stream 2, and Stream 3 settings.

**Stream 1 Setting**

RTSP Path:	v00	Image Format:	H.264
Resolution:	640 x 480	GOP:	30 (1~150)
Video Mode:	CBR	Frame Rates:	30 (5~30 FPS)
Target Bit Rates:	2000 (64~6000 Kb)		

**Stream 2 Setting**

RTSP Path:	v01	Image Format:	H.264
Resolution:	640 x 480	GOP:	30 (1~150)
Video Mode:	VBR	Frame Rates:	30 (5~30 FPS)
Quality Level:	Standard		

**Stream 3 Setting**

RTSP Path:	v02	Image Format:	H.264
Resolution:	320x240	GOP:	30
Video Mode:	VBR	Frame Rates:	30 (5~30 FPS)
Quality Level:	Standard		

At the bottom of the settings area is a "Save" button.

### **Stream 1 Setting:**

- RTSP Path: It is the stream ID used for RTSP client streaming connection, such as VLC player. (default v00)
- Resolution: Choose image size from 320x240 to 1600x1200
- Video Mode: Choose between variable bit rate (VBR) and constant bit rate (CBR)  
VBR-> Choose quality level from best to standard  
CBR-> Choose target bit rate range from 64 to 6000kb
- Image Format: 2 kinds of format to choose from; MJPEG and H.264
- GOP:
- Frame Rates (FPS): Choose the number of frames to display per second  
With resolution 1600x1200, FPS can only set up to 15FPS. The rest can set up to 30FPS.

### **Stream 2 Setting:**

Configuration of stream 2 is the same as stream 1.

**Note:** Resolution can only be set to 320x240 or 640x480

### **Stream 3 Setting:**



Only RTSP path, image format and frame rate and be adjust, the rest of the settings are fixed.

### 3. Camera

#### General

Live View

Video

Camera

Event

Schedule


Network

System

Customize

General

Advanced



**Camera General Setting**  
Brightness:  0  
Hue:  0  
Saturation:  0  
☐ Rotation 180

**Audio Setting**  
☒ Audio Enable

**Web Record Setting**  
Save Path:  
  
File Name:  
  

Browse

**Web Snapshot Image Setting**  
Save Path:  
  
File Name:  
  

Browse

Default

Save

**Camera General Setting:**

- Brightness, hue and saturation: Adjust the image for a better view
- Rotation 180: Rotate the image by 180 degrees, so that the image becomes upside down. This function is useful when camera device must be physically installed in vertically reversed direction.

**Audio Setting:**

- Audio Enable: Turn on/off the audio

**Web Record Setting:**

- Save Path / File name: Click on the "Browse" button to select the desired path to save as well as naming the video file.

**Web Snapshot Image Setting:**

- Save Path / File name: Click on the "Browse" button to select the desired path to save as well as naming the snapshot

**Default:**

- Set **[camera general setting]** and **[audio setting]** back to default

Note: Will not change the configuration of **[Web Record Setting]** and **[web Snapshot Image Setting]**

**Save:**

- Save the changes that have been made

## Advance

Live ViewVideoCameraEventScheduleNetworkSystemCustomize

GeneralAdvanced



White balance:Auto

Exposure:Auto

Max Exposure Time:1/30 s

Max Gain Control:31 dB

Infrared(IR) LED:Depending on light intensity

Status LED:On

Save

**White balance:** Adjust the white balance according to the environment

**Exposure:** Select the exposure frequency

**Max Exposure Time:** Increase / reduce the exposure time for lens

**Max Gain Control:** image at low light control on how much noises are allowed

**Infrared(IR) Cut Filter:** Lighting condition enables the IR Filter to isolate the infrared light at daytime or disable this filter so the infrared light can go into the camera. The IR Cut Filter can be manually set to On/Off.

4. Event

Live ViewVideoCameraEventScheduleNetworkSystemCustomize

Event ServerMotion DetectionEvent Configuration

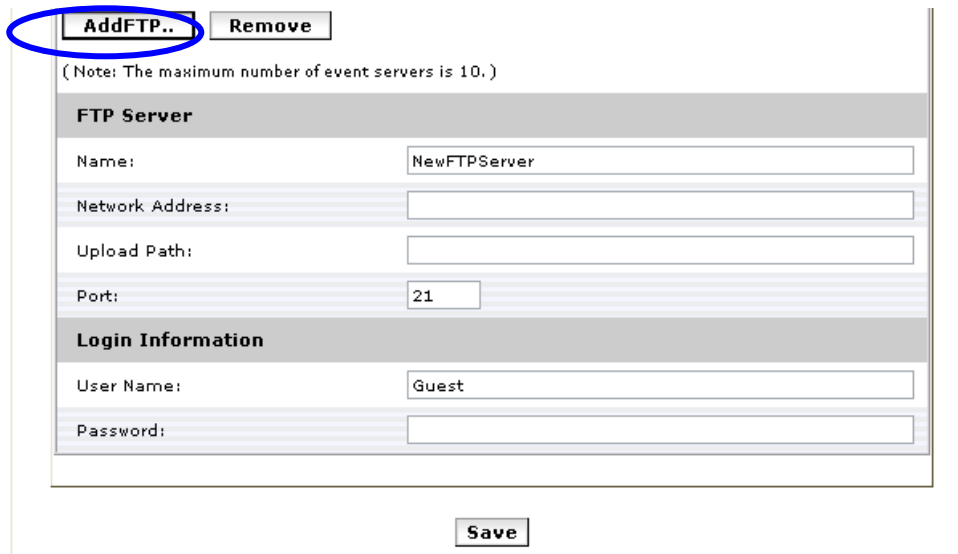
Event Server List

Name	Protocol	Network Address	Upload Path	User Name
------	----------	-----------------	-------------	-----------

AddFTP..Remove

( Note: The maximum number of event servers is 10. )

## Event Server



(Note: The maximum number of event servers is 10.)

**FTP Server**

Name:

Network Address:

Upload Path:

Port:

**Login Information**

User Name:

Password:

**Save**

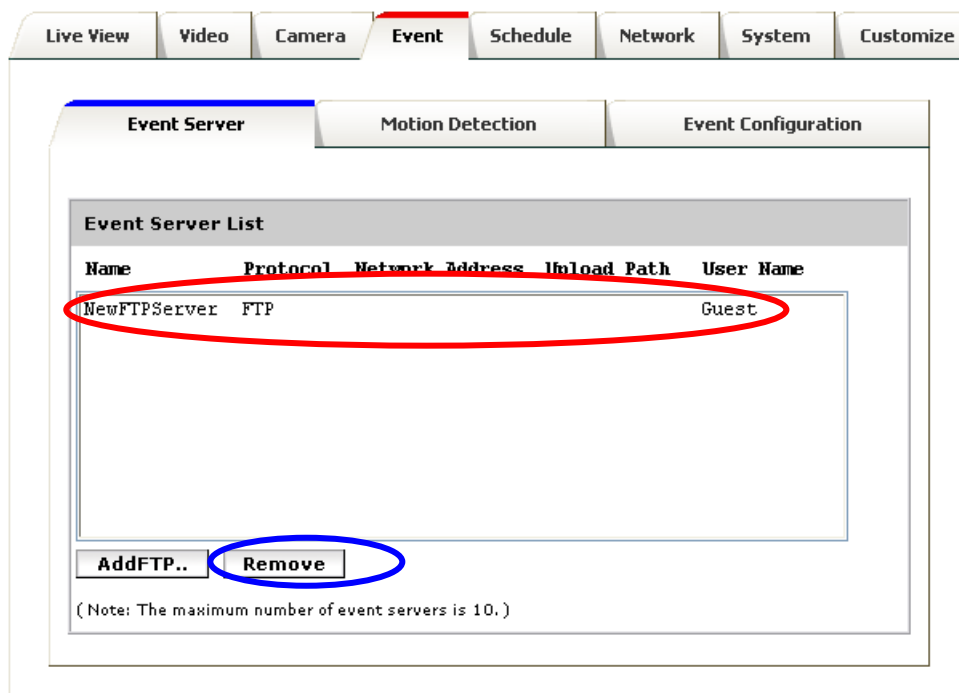
Click on the **[Add FTP]** to expand FTP server setting

### **FTP Server:**

- Name: Give a name for the FTP server
- Network Address: Input the network address of the FTP server
- Upload Path: Choose the desired upload path for events
- Port: Input the port number of the FTP server

### **Login Information:**

- Username / Password: Input the username and password of the FTP



Live View Video Camera **Event** Schedule Network System Customize

Event Server Motion Detection Event Configuration

**Event Server List**

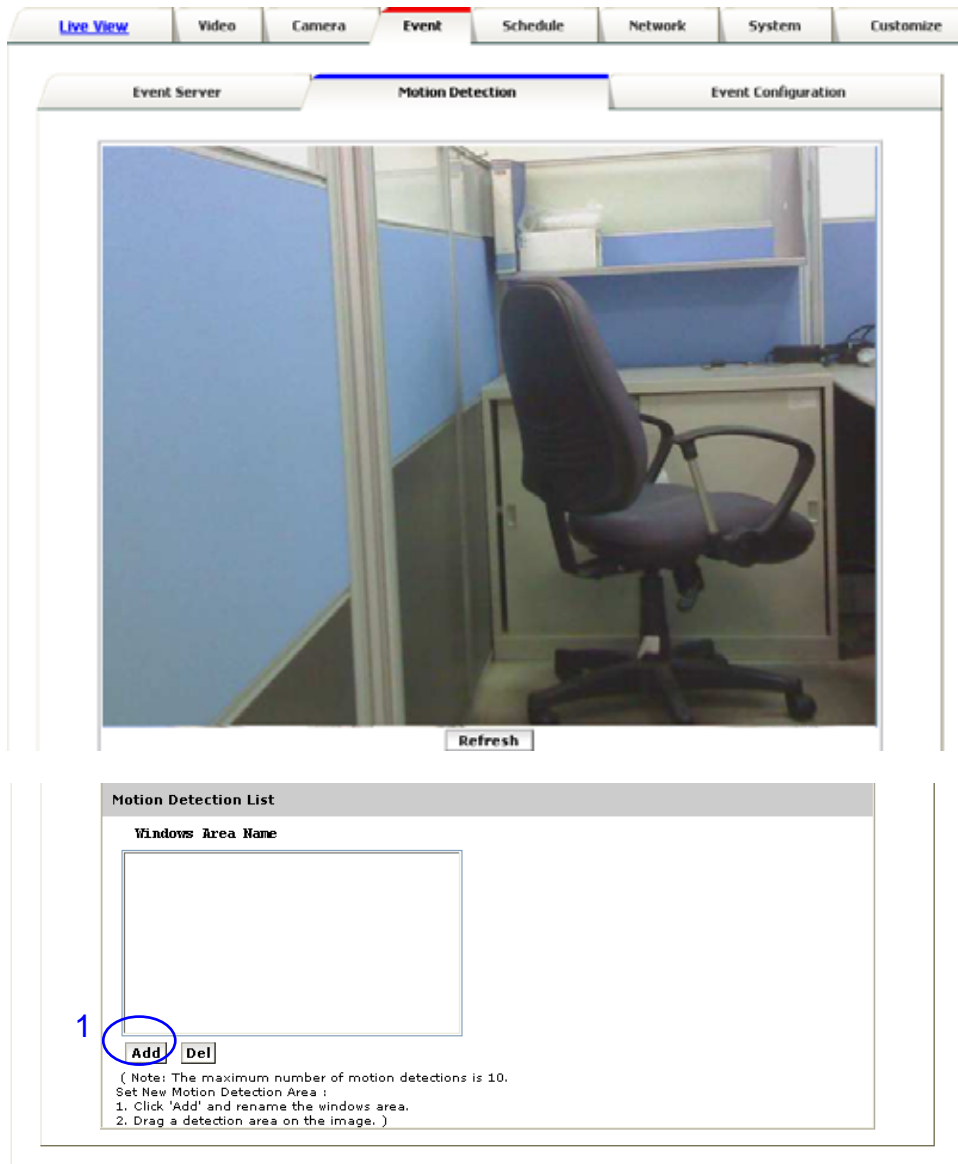
Name	Protocol	Network Address	Upload Path	User Name
NewFTPServer	FTP			Guest

**AddFTP.. Remove**

(Note: The maximum number of event servers is 10.)

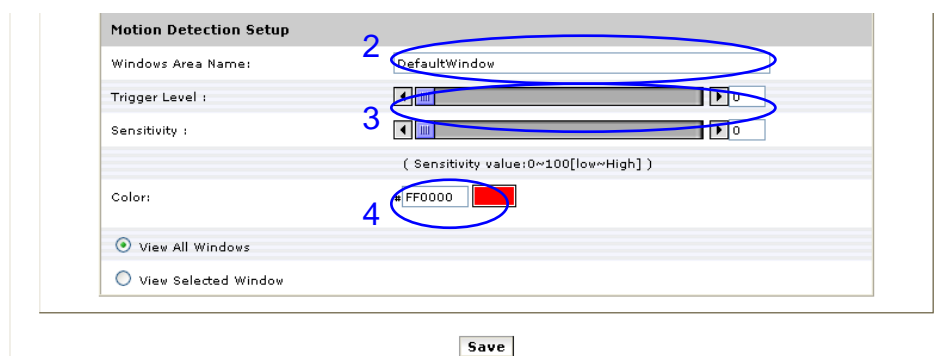
Click **[Remove]** to delete selected event servers (circled in red)

## Motion Detection

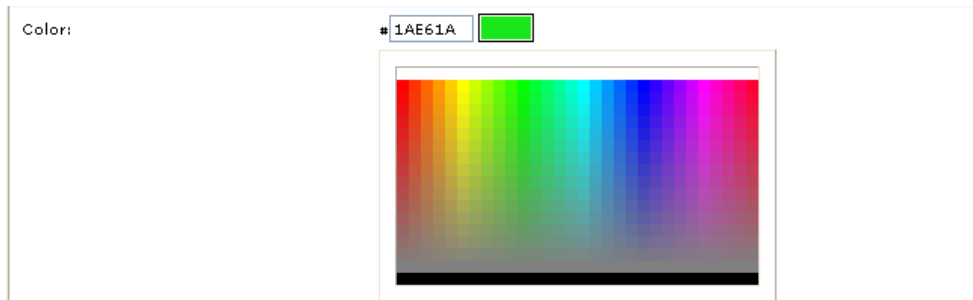


To add a motion detection area:

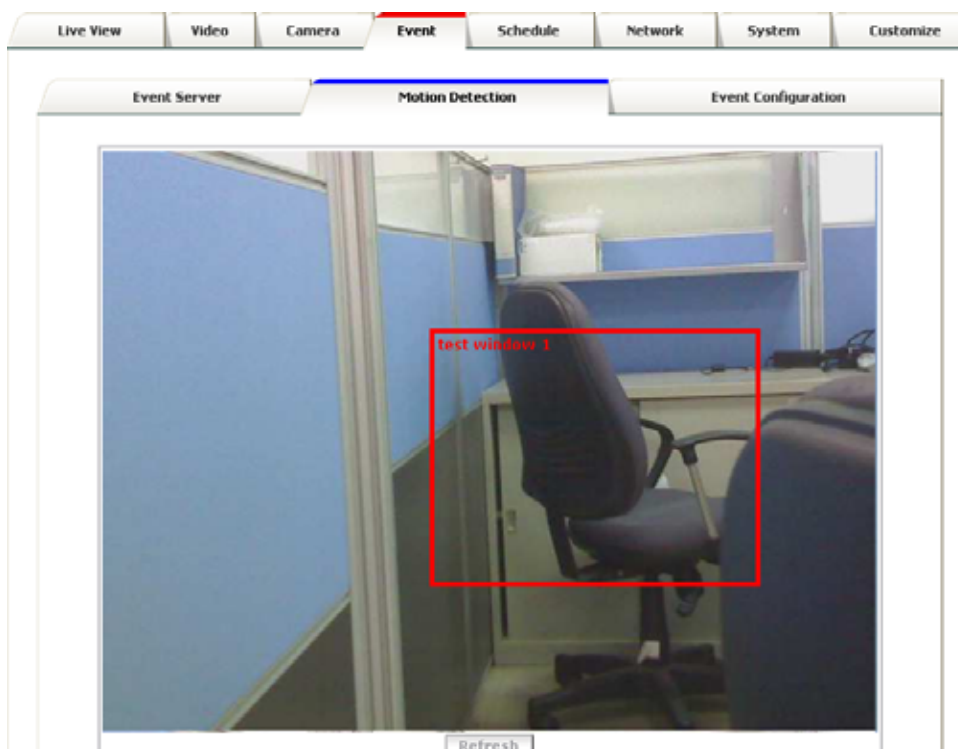
1. Click on **[Add]** to set up a detection area  
(Set up panel will be expanded)



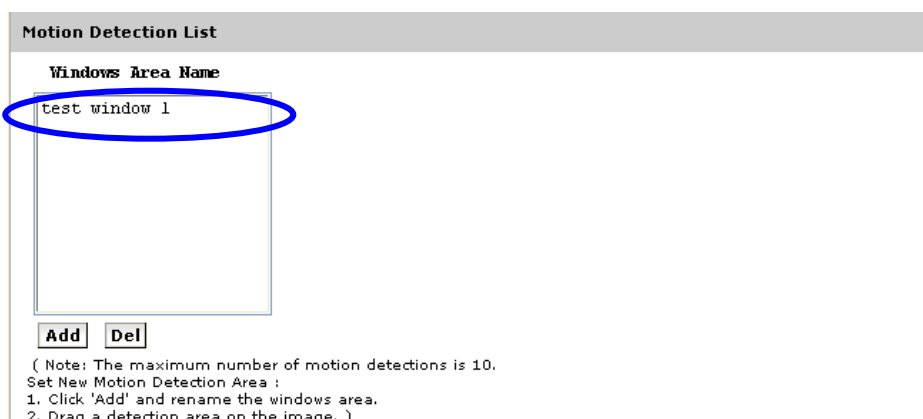
2. Give a name to this window area
3. Select the trigger level and sensitivity for this detection window (0~100, low~high)
4. Select color for detection window



5. Draw detection window on the image



6. Once everything is done, click on **[Save]** to save the configuration made.
- Configured detection window will be displayed in motion detection list (circle in blue)



Note: Maximum number of detection window is 10



## Event Configuration

The screenshot shows the 'Event Configuration' tab in a software interface. At the top, there are tabs for 'Live View', 'Video', 'Camera', 'Event' (selected), 'Schedule', 'Network', 'System', and 'Customize'. Below these are sub-tabs for 'Event Server', 'Motion Detection', and 'Event Configuration' (selected). The 'Event Configuration' section contains the following elements:

- Event Record File**: File Format: JPEG
- Event Type List**: A table with columns: Name, Status, Enable, Trigger, Actions. It is currently empty.
- Add... button**: Circled with a blue line and labeled '1'.
- Remove button**: Located next to the Add button.
- Note**: ( Note: The maximum number of events is 10. Fu=FTP Upload, Eu=Email Upload, Du=Disk Upload, O=Output Port, En=Email Notification. )
- Event Type Setup**:
  - Name**: Input field containing 'NewEvent', circled with a blue line and labeled '2'.
  - Set min time between triggers**: Input field containing '00:00:00', circled with a blue line and labeled '3'. A note '(max 23:59:59)' is next to it.
  - Respond to Trigger**:
    - Always**: Radio button, selected, circled with a blue line and labeled '4'.
    - Never**: Radio button, unselected.
    - In Window**: Dropdown menu, currently showing a downward arrow.
  - When Triggered...**:
    - Upload Images**: Checkbox, unselected, circled with a blue line and labeled '5'.
    - Send Email Notification**: Checkbox, unselected.
- Save button**: Located at the bottom center.

To add an event trigger, click on **[Add]** and setup panel will be expanded

2. Give a name to this event.

3. Set the time interval between each trigger

4. Set the time period for the trigger. Choose "Always" or "Never"

5. The trigger condition is Motion Detection. The responding actions can be "Upload images" and "Send Email Notification"

6. Click on **[Save]** to save the configuration made.

## 5. Schedule

### General

Define the day (specified by days of a week) and time (specified by each single hour) for that will be recording during the scheduled period. Note that only video data will be recorded. User can select which video stream should be recorded, and the size of each sliced file. When the check box is ticked and setting is saved, recording process starts. Recording files are saved to the SD storage.

The screenshot displays the 'Schedule' configuration window with the 'General' tab selected. The interface includes a top navigation bar with tabs: Live View, Video, Camera, Event, Schedule (active), Network, System, and Customize. Below the tabs, the 'General' sub-tab is active, showing the following settings:

- ☒ Enabled
- Stream: ☒ 1 ☐ 2 ☐ 3
- Slice File Size: 50 (MB)
- Save Device Type: Local Disk

A weekly schedule grid is shown below the settings. The grid has columns for hours (0-23) and rows for days of the week (Mon. to Sun.). A legend at the bottom left indicates that a red square represents 'Scheduled'.

All	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Mon.																								
Tue.																								
Wed.																								
Thu.																								
Fri.																								
Sat.																								
Sun.																								

A 'Save' button is located at the bottom center of the window.

## Storage

Display the storage information, includes disk size info, type and status. The warning message shows when recording is on process; SD card should not be removed during the recording process.

The screenshot displays a web-based configuration interface for a system. At the top, there is a horizontal menu with tabs: 'Live View', 'Video', 'Camera', 'Event', 'Schedule' (highlighted with a red underline), 'Network', 'System', and 'Customize'. Below this menu, there are two sub-tabs: 'General' and 'Storage' (highlighted with a blue underline). The 'Storage' section contains a 'Disk Status' table with the following information:

Disk Status	
Model Name:	/dev/mmcblk0p1
Total Size:	1929024 KB
Used Size:	1788864 KB
Free Size:	140160 KB
Disk Type:	SD
Disk Status:	recording

Below the table, there are three buttons: 'Refresh', 'Browse', and 'Remove Event Images'. At the bottom of the 'Storage' section, a red warning message is displayed: 'The system is recording now, please stop recording first!'.

## 6. Network

### General

Device IP configuration, includes DHCP and Static IP setting. “Enable ARP/Ping” enable device to accept ARP or ping packets from the network. Disable this option may provide extra security from intentional ping.

The screenshot shows a web interface for network configuration. At the top, there are tabs: Live View, Video, Camera, Event, Schedule, Network (selected), System, and Customize. Below these, there are sub-tabs: General (selected), Advanced, SMTP(E-Mail), DDNS, and Wireless. The General tab contains the following settings:

- ☐ DHCP Service
- ☒ Static IP Address:
  - IP Address: 192.168.2.87
  - Netmask: 255.255.255.0
  - Gateway: 192.168.2.254
  - DNS 1: 192.168.0.13
  - DNS 2: 192.168.0.16
- ☒ Enable ARP/Ping

At the bottom of the configuration area is a **Save** button.

### Advanced

Enable or configure other network functions.

**NTP:** Configure a NTP (Network Time Protocol) server, so that the device system date and time can be synchronized with a specified Time Server. This configuration is provided for one of the portions of system date/time adjustment.

**HTTP:** set the HTTP port that will be applied for Web UI access.

**RTSP:** set the RTSP (Video) port for video data transmission.

**HTTPS:** Enable/Disable Http security function.

**Bonjour:** Enable Bonjour service, so that the device can be discovered with “Bonjour” service applied.

**UPnP:** Enable UPnP, so that the device can be discovered in an UPnP Compliant Network.

**NAT Traversal:** Enable NAT traversal, so that client from Internet can have access to the devices behind the Router.

Note: with UPnP enabled, the IP Sharing device (Router) capable of UPnP function will automatically be noticed with the device's NAT port.

The screenshot displays a web-based configuration interface for a network device. The top navigation bar includes tabs for 'Live View', 'Video', 'Camera', 'Event', 'Schedule', 'Network' (which is highlighted with a red underline), 'System', and 'Customize'. Below this, the 'Network' section is expanded, showing sub-tabs for 'General', 'Advanced' (which is selected), 'SMTP(E-Mail)', 'DDNS', and 'Wireless'. The 'Advanced' tab contains several configuration sections: 'NTP Configuration' with radio buttons for 'Obtain NTP server address via DHCP' and 'Use the following NTP server address:' (the latter is selected, with a text box containing 'time.stdtime.gov.tw' and a note '(host name or IP address)'); 'HTTP Setting' with a text box for 'HTTP Port' set to '80'; 'RTSP Setting' with a text box for 'RTSP Port' set to '554'; 'HTTPS Setting' with an unchecked checkbox for 'Enable HTTPS'; 'Bonjour Setting' with a checked checkbox for 'Enable Bonjour'; 'UPnP Notification' with a checked checkbox for 'Enable UPnP'; and 'NAT Traversal Setting' with a checked checkbox for 'Enable NAT Traversal', and three text boxes for 'NAT-T HTTP Port' (8000), 'NAT-T RTSP Port' (8002), and 'NAT-T RTSP Protocol' (TCP). A 'Save' button is located at the bottom center of the configuration area.

Category	Setting	Value
NTP Configuration	Obtain NTP server address via DHCP	<input type="radio"/>
	Use the following NTP server address:	<input checked="" type="radio"/>
NTP Configuration	Network address:	time.stdtime.gov.tw
	(host name or IP address)	
HTTP Setting	HTTP Port:	80
RTSP Setting	RTSP Port:	554
HTTPS Setting	Enable HTTPS	<input type="checkbox"/>
Bonjour Setting	Enable Bonjour	<input checked="" type="checkbox"/>
UPnP Notification	Enable UPnP	<input checked="" type="checkbox"/>
NAT Traversal Setting	Enable NAT Traversal	<input checked="" type="checkbox"/>
	NAT-T HTTP Port:	8000
	NAT-T RTSP Port:	8002
	NAT-T RTSP Protocol:	TCP

Save

## SMTP (E-Mail)

Configure an email host in the device that will send email on behalf of the configured email account in a circumstance like sending an email notice to a specified mail address (Event Configuration).

Sender: Complete the Mail Server, Server Port, Authentication information (if required) and the sender email address.

Receiver: the receiver email address

The screenshot shows a web management console with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network (highlighted), System, and Customize. Below this is a sub-navigation bar with tabs: General, Advanced, SMTP(E-Mail) (highlighted), DDNS, and Wireless. The main content area is titled "SMTP (email) Setting" and contains the following fields:

- Mail Server:  (host name or IP address)
- Server Port:  [0..65535]
- ☐ Authentication
- User Name:
- Password:
- From ( Email Address ):

Below the settings is a "Test" section with a field "Send test email to:" and a  field, followed by a "Send" button. At the bottom of the console is a "Save" button.

## DDNS

Dynamic DNS configuration; the network device can be assigned with a host name by registering this service (Internet access required).

Host Name: Assigned name that will be used for access to the device

User Name/Password: Account authentication for logging to this service

Update Time: Periodically, the device updates its access info to sever in the configured time.

Response: the device responds the connection info.

The screenshot shows a web interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network (highlighted in red), System, and Customize. Below this is a sub-navigation bar with tabs: General, Advanced, SMTP(E-Mail), DDNS (highlighted in blue), and Wireless. The main content area is titled "Dynamic DNS Setting" and contains the following fields:

- ☐ DDNS Enable
- Host Name:   
(Link to <http://www.dyndns.org>)
- User Name:
- Password:
- Update Time:  ( 600~86400 Seconds )
- Response:

At the bottom of the form is a "Save" button.

## Wireless (P606W)

Wireless network searching and device configuration page

**Wireless** – List of available wireless networks (Access Points); information includes SSID, Mode, Security and Signal Strength.

Wireless Setting: configurations for the camera device for its availability to connect to a wireless network. Clients available in the same network or able to connect to this network can then have an access to the camera device with wireless connection.

**Status of Wireless Networks**

SSID	Mode	Security	Signal strength
SolleronWireless	infrastructure	WPA-PSK	-68
GLCON	infrastructure	WEP	-68
LF6	infrastructure	WEP	-66
pixord-wireless	infrastructure	WEP	-58
dlink	infrastructure	NONE	-18

**Wireless Setting**

MAC Address: 0E:B4:9A:18:6F:83

IP Address: not-connect-yet

Netmask: not-connect-yet

Gateway: not-connect-yet

Mode: Infrastructure ▼

Operation Mode: Auto ▼

SSID: Default

Security: None ▼

**Save** **Reconnect**



## 7. System

### Information

Lists of System and Network configurations

Live View	Video	Camera	Event	Schedule	Network	<b>System</b>	Customize
-----------	-------	--------	-------	----------	---------	---------------	-----------

<b>Information</b>	User	Date & Time	Server Maintenance	Log Service
--------------------	------	-------------	--------------------	-------------

<b>System</b>	
Model:	PIXORD
System up time:	2009-09-07 09:33:42
Firmware version:	1.0.2_rc7.4391
MAC Address:	00:04:29:01:9e:ff
ActiveX Control version:	1.0.1.131
<b>Wireless</b>	
Status:	No connection
<b>Ethernet</b>	
Status:	Connected
Mode:	DHCP
IP Address:	192.168.6.87
Netmask:	255.255.255.0
Default Gateway:	192.168.6.254
<b>DNS Server</b>	
Primary DNS IP address:	192.168.0.13
Secondary DNS IP address:	192.168.0.16
<b>DDNS</b>	
Status:	no

Refresh

## User

Login users for Web access and operations; authentication required. The Check box is for anonymous logging on to the live view page. Logging for further configurations will still require user name and password.

The screenshot shows a web application interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network, System (highlighted with a red underline), and Customize. Below this is a sub-navigation bar with tabs: Information, User (highlighted with a blue underline), Date & Time, Server Maintenance, and Log Service. The main content area is titled 'User Setting' and contains a checkbox labeled 'Enable anonymous login (no user name or password required)'. Below this is a 'User List' section with a table. The table has two columns: 'User Name' and 'User Group'. It contains one row with 'admin' in the 'User Name' column and 'Administrator' in the 'User Group' column. Below the table are two buttons: 'Add...' and 'Remove'. At the bottom of the main content area is a 'Save' button.

User Name	User Group
admin	Administrator

☐ Enable anonymous login (no user name or password required)

**User List**

**User Name**      **User Group**

admin      Administrator

## Date & Time

System date/time configuration. Options of synchronizing with PC and NTP server are provided for automatic adjustment.

Live ViewVideoCameraEventScheduleNetworkSystemCustomize

InformationUserDate & TimeServer MaintenanceLog Service

Current Server Time

Date:2009-09-07Time:09:48:04

Set Server Time

☒ Automatically adjust for daylight saving time changes.

Time Mode:

☐ Synchronize with computer time

Date:2009-09-07Time:09:38:47

☐ [Synchronize with NTP server](#)

Time zone:

GMT+08 (Beijing, Hong Kong, Shanghai, Taipei)

☒ Set Manually

Date:2009-09-07Time:09:38:42

(ex: 2008-01-01)(ex: 01:00:00)

Save

## Server Maintenance

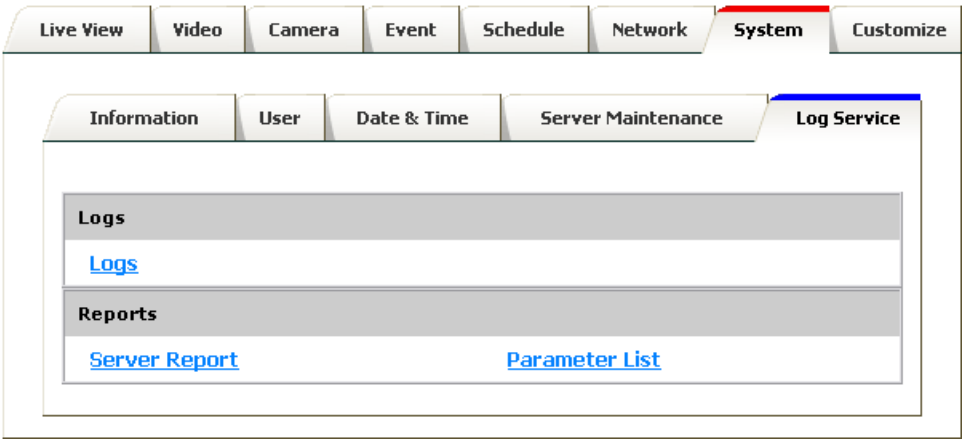
This page provides tool for system maintenance; Reboot and Load default settings, as well as functionalities of launching upgrade process, backup/restore user settings and language defines.

The screenshot shows a web interface for system maintenance. At the top, there is a navigation bar with tabs: Live View, Video, Camera, Event, Schedule, Network, System (highlighted in red), and Customize. Below this, a sub-navigation bar contains tabs: Information, User, Date & Time, Server Maintenance (highlighted in blue), and Log Service. The main content area is titled 'Maintain Server' and contains several sections:

- Reboot** and **Load default** buttons.
- Firmware Upgrade** section:
  - Model: **PIXORD**
  - Firmware Version: **1.0.2\_rc7.4391**
  - MAC Address: **00:04:29:01:9e:ff**
  - ActiveX Version: **1.0.1.131**
  - Specify the firmware to upgrade: [text input] **Browse...** **Upgrade**
- Backup** section:
  - Save all parameters and user-defined scripts to a backup file. **Backup**
- Upload Setting** section:
  - Use a saved backup file to return the unit to a previous configuration.
  - Specify the backup file to use: [text input] **Browse...** **Upload**
- Add Language** section:
  - Choose language: **日本語** (dropdown menu)
  - Get a language file from </lang/en/lang.js>
  - Select language file to upload: [text input] **Browse...** **Upload Language**

# Log Service

Most system operations and / or process will be kept in a log system. The link provides the review of these records.



## 7. Customize

This page provides the function of adjusting the look of live view page. There are two types of layout settings; use default look or use custom settings.

The screenshot shows a web interface with a top navigation bar containing tabs: Live View, Video, Camera, Event, Schedule, Network, System, and Customize (which is highlighted with a red border). Below the tabs is a 'Live View Layout Setting' section. It contains two radio buttons: 'Use Default Look' (which is selected) and 'Use Custom Settings'. Below this is a 'User Defined Links' section. It contains four rows, each with a checkbox labeled 'Show Custom Link' followed by a number (1, 2, 3, 4). Each row also has a 'Name' text input field and a 'URL' text input field. The 'Name' fields contain 'Custom Link 0', 'Custom Link 1', 'Custom Link 2', and 'Custom Link 3' respectively. The 'URL' fields contain 'http://'. At the bottom of the form is a 'Save' button.

**Use Default Look:** the default layout of live/configuration pages

**Use Defined Links:** Web link(s) will be presented on the live page when enabled. It can be a link to another IP camera for instance, or other preferred web link.

Use Custom Settings: The modifications allowed are change of Background / Text Color, Background picture, Title, Description, Logo and etc.

**Live View Layout Setting**

☐ Use Default Look ☒ Use Custom Settings

**User Defined Links**

☐ Show Custom Link 1  
Name: Custom Link 0 URL: http://

☐ Show Custom Link 2  
Name: Custom Link 1 URL: http://

☐ Show Custom Link 3  
Name: Custom Link 2 URL: http://

☐ Show Custom Link 4  
Name: Custom Link 3 URL: http://

**Custom Settings**

Modify the Default Look:

Background Color: ☒ Default ☐ Own: White

Text Color: ☒ Default ☐ Own: Black

Background picture: ☒ None ☐ External: http://

Title: ☒ None ☐ Default ☐ Own: Title

Description: ☒ None ☐ Default ☐ Own: Description

Logo Link: ☒ None ☐ Default ☐ Own: http://

Logo: ☐ None ☒ Default ☐ External: http:// ☐ Own

Select image file to upload:

# FAQ

## Restore Factory Default



To restore factory default, please follow the steps:

1. Unplug the power jack to turn off the power of the camera.
2. Insert a pin into the reset hole as circled with red in the below figures. Sense a button and keep it pressed until instructed to release.
3. Plug in the power jack to turn on device, in about few seconds the status LED will be quick flashing
4. Release the button (remove the pin from the reset hole). The camera should now be back to factory default.